NOTICE OF ALLOWANCE AND FEE(S) DUE

29154   7590   02/23/2011

FREDERICK W. GIBB, III
Gibb Intellectual Property Law Firm, LLC
844 West Street
SUITE 100
ANNAPOLIS, MD 21401

EXAMINER
SYED, FARHAN M

ART UNIT	PAPER NUMBER
2165	

DATE MAILED: 02/23/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/729,166	12/05/2003	Manish Anand Bhide	JP920030164US1	8579

TITLE OF INVENTION: OPTIMAL USE OF TRIGGERS FOR DETECTING DATABASE EVENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1510	$300	$0	$1810	05/23/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PTOL-85 (Rev. 02/11)

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: <u>Mail</u> Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

29154   7590   02/23/2011

FREDERICK W. GIBB, III
Gibb Intellectual Property Law Firm, LLC
844 West Street
SUITE 100
ANNAPOLIS, MD 21401

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)

_____ (Signature)

_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/729,166	12/05/2003	Manish Anand Bhide	JP920030164US1	8579

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nonprovisional	NO	$1510	$300	$0	$1810	05/23/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
SYED, FARHAN M	2165	707-001000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE   (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:
❑ Issue Fee
❑ Publication Fee (No small entity discount permitted)
❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)
❑ A check is enclosed.
❑ Payment by credit card. Form PTO-2038 is attached.
❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
❑ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.   ❑ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____   Date _____

Typed or printed name _____   Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UNITED STATES PATENT AND TRADEMARK OFFICE

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10/729,166	12/05/2003	Manish Anand Bhide	JP920030164US1	8579

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2165	

DATE MAILED: 02/23/2011

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1902 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1902 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

PTOL-85 (Rev. 02/11)

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

<table>
<tr>
<td rowspan="3" align="center">Notice of Allowability</td>
<td>Application No.
10/729,166</td>
<td>Applicant(s)
BHIDE ET AL.</td>
<td></td>
</tr>
<tr>
<td>Examiner
FARHAN M. SYED</td>
<td>Art Unit
2165</td>
<td></td>
</tr>
</table>

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *BPAI decision 12/13/10*.

2. ☒ The allowed claim(s) is/are *1-9,12-17,19 and 20*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

/Neveen Abel-Jalil/
Supervisory Patent Examiner, Art Unit 2165

DETAILED ACTION

1. In a decision by the Board of Patent Appeals and Interferences (BPAI), mailed 13 December 2010, the Examiner was reversed on all claims. However, to compact prosecution, the Applicant has amended claims 1 and 13-15 to be in condition for allowance.

EXAMINER'S AMENDMENT

2. Authorization for Examiner's Amendment to the Appeal Brief filed 28 February 2007 was given by Mr. Fredrick Gibbs III (Reg. No. 37,629) in a telephone interview on 08 February 2011.

3. An examiner's amendment to the Appeal Brief filed 28 February 2011 appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

4. The application has been amended as follows:

Allowable Subject Matter

5. Claims 1-9, 12-17, and 19-20 and renumbered 1-17 are allowed over the prior art of record.

1. (Currently Amended) A method of monitoring events in a database, said method comprising:

storing in said database at least one database rule;

mapping temporal constraints of an event of ~~the~~ said database rule to corresponding temporal events;

changing said temporal constraints associated with ~~the~~ said temporal events based upon related temporal constraints for related events of said database rule to provide changed temporal constraints;

registering alarms associated with a start and end of a lifespan of each of said temporal ~~event~~ events;

selectively deploying and selectively permanently removing ~~the~~ ones of said temporal events from said database based upon ~~the~~ said changed temporal constraints; ~~and~~

upon reaching said end of said lifespan of each of said ~~each~~ temporal ~~event~~ events, permanently removing from said database said alarm associated with ~~the~~ said ones of said temporal events permanently removed ~~temporal event~~ from said database;

combining said temporal events using a sequence operator to form a composite event; and

associating a lifespan to said composite event using said sequence operator.

3.   (Currently Amended) The method as claimed in claim 1, further comprising limiting a ~~the~~ lifespan of at least one of said temporal events ~~an event~~ to ~~the~~ an overlapping period of ~~the~~ a lifespan of a parent event.

4.   (Currently Amended) The method as claimed in claim 1, further comprising

changing ~~the~~ a lifespan of <u>one of said temporal events</u> ~~an event~~ to omit periods in which

~~the event~~ <u>said one of said temporal events</u> cannot evaluate as true.

5.   (Currently Amended) The method as claimed in claim 1, further comprising

assigning a lifespan of <u>at least one of said temporal events</u> ~~an event~~ having an

undefined lifespan as ~~the~~ <u>a</u> lifespan of a parent event.

6.   (Currently Amended) The method as claimed in claim 1, further comprising

propagating ~~the~~ <u>a</u> lifespan or context of ~~the~~ <u>a</u> parent node to all children nodes of ~~the~~

<u>said</u> parent node.

7.   (Currently Amended) The method as claimed in claim 1, wherein a lifespan of ~~an~~

~~event~~ <u>at least one of said temporal events</u> is expressed as a predetermined duration of

time.

8.   (Currently Amended) The method as claimed in claim [[4]] <u>1</u>, wherein ~~the~~ <u>said</u>

lifespan <u>of said composite event</u> is dependent upon ~~the~~ <u>an</u> associated event.

9.   (Currently Amended) The method as claimed in claim [[4]] <u>1</u>, wherein a ~~the~~

lifespan <u>of at least one of said temporal events</u> ends at a predetermined time, or recurs

at a predetermined period of time.

10.   (Cancelled).

11.   (Cancelled).

12.   (Currently Amended) The method as claimed in claim 1, further comprising

storing a~~a~~ said database rule as an event-condition-action (ECA) rule.

13.   (Currently Amended) A database recorded on a non-transitory computer storage

medium comprising:

        software code means for storing in said database at least one database rule;

        software code means for mapping temporal constraints of an event of ~~the~~ said

database rule to corresponding temporal events;

        software code means for changing said temporal constraints associated with ~~the~~

said temporal events based upon related temporal constraints for related events of said

database rule to provide changed temporal constraints;

        software code means for registering alarms associated with a start and end of a

lifespan of each of said temporal events ~~event~~;

        software code means for selectively deploying and selectively permanently

removing ~~the~~ ones of said temporal events from said database based upon ~~the~~ said

changed temporal constraints; ~~and~~

        software code means for, upon reaching said end of said lifespan of each of said

~~each~~ temporal <u>events</u> ~~event~~, permanently removing from said database said alarm

associated with ~~the~~ <u>said ones of said temporal events</u> permanently removed <u>from said</u>

<u>database</u> ~~temporal event~~;

<u>software code means for combining said temporal events using a sequence</u>

<u>operator to form a composite event; and</u>

<u>software code means for associating a lifespan to said composite event using</u>

<u>said sequence operator.</u>

14.   (Currently Amended) A system for monitoring events in a database, said system

comprising <u>a processor performing a method comprising</u>:

~~means for~~ storing in said database at least one database rule;

~~means for~~ mapping temporal constraints of an event of ~~the~~ <u>said</u> database rule to

corresponding temporal events;

~~means for~~ changing said temporal constraints associated with ~~the~~ <u>said</u> temporal

events based upon <u>related</u> temporal constraints for related events of said database rule

<u>to provide changed temporal constraints</u>;

~~means for~~ registering alarms associated with a start and end of a lifespan of each

<u>of said</u> temporal <u>events</u> ~~event~~;

~~means for~~ selectively deploying and selectively permanently removing <u>ones of</u>

<u>said</u> ~~the~~ temporal events from said database based upon ~~the~~ <u>said</u> changed temporal

constraints; ~~and~~

~~means for,~~ upon reaching said end of said lifespan of <u>each of</u> said ~~each~~ temporal

events ~~event~~, permanently removing from said database said alarm associated with

said ones of said temporal events ~~the~~ permanently removed from said database

~~temporal event~~;

combining said temporal events using a sequence operator to form a composite

event; and

associating a lifespan to said composite event using said sequence operator.

15.   (Currently Amended) A non-transitory program storage device medium readable

by computer, tangibly embodying a program of instructions executable by said computer

to perform a method of monitoring events in a database, said method comprising:

storing in said database at least one database rule;

mapping temporal constraints of an event of ~~the~~ said database rule to

corresponding temporal events;

changing said temporal constraints associated with ~~the~~ said temporal events

based upon related temporal constraints for related events of said database rule to

provide changed temporal constraints;

registering alarms associated with a start and end of a lifespan of each of said

temporal events ~~event~~;

selectively deploying and selectively permanently removing the temporal events

from said database based upon ~~the~~ said changed temporal constraints; ~~and~~

upon reaching said end of said lifespan of each of said ~~each~~ temporal events

~~event~~, permanently removing from said database said alarm associated with ~~the~~ said

ones of said temporal events permanently removed from said database temporal event;

combining said temporal events using a sequence operator to form a composite

event; and

associating a lifespan to said composite event using said sequence operator.

16.   (Currently Amended) The method of claim [[10]] 1, further comprising using a

separate device external to said database to detect said composite event the combined

events.

17.   (Currently Amended) The method of claim 1, wherein at least one of said

temporal events event consists of an instantaneous and atomic point of occurrence

within an application that affects the a state of said database.

18.   (Cancelled).

19.   (Currently Amended) The non-transitory program storage device medium of

claim 18, 15 wherein said method further comprises using a separate device external to

said database to detect said composite the combined events.

20.   (Currently Amended) The non-transitory program storage device medium of

claim 15, wherein at least one of said temporal event events consists of an

instantaneous and atomic point of occurrence within an application that affects the a

state of said database.

Reasons For Allowance

6.   The following is an examiner's statement of reasons for allowance:

Regarding independent claims 1 and 13-15, Applicants particular method and

associated systems of of monitoring events in a database, said method comprising:

upon reaching said end of said lifespan of each of the temporal events, permanently

removing from the database the alarm associated with the ones of the temporal events

permanently removed from the database; combining the temporal events using a

sequence operator to form a composite event; and associating a lifespan to the

composite event using said sequence operator, was not disclosed by, would not have

been obvious over, nor would have been fairly suggested by the prior art of record.

The dependent claims, being further limiting to the independent claims, definite

and enabled by the specification are also allowed.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Farhan M. Syed whose telephone number is 571-272-

7191. The examiner can normally be reached on 8:30AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Neveen Abel-Jalil can be reached on 571-272-4074. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

/F. M. S./
Examiner, Art Unit 2165
13 February 2011

/Neveen Abel-Jalil/

Supervisory Patent Examiner, Art Unit 2165